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\$0.00

\$918.00



UTILITY PATENT APPLICATION TRANSMITTAL

58777.000013 Attorney Docket Number: Kenju MIURA, et al. First Named Inventor: PROMOTERS OF THE GROWTH AND/OR DIFFERENTIATION OF HEMATOPOIETIC STEM CELLS AND/OR HEMATOPOIETIC PROGENITORS **Mail Stop Patent Application** TO: Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Sir: Attached are the following for filing with the U.S. Patent and Trademark Office: Fee Transmittal Form (original and duplicate) 1. Independent Inventor Small Entity Status Claimed: 2. Small Business Concern Non-Profit Organization Statement Enclosed Statement Filed in Prior Application; Status Still Proper and Desired (Including Abstract) Specification -Total Pages: 3. CLAIMS AS FILED Rate Basic Fee Claims Amount Small Entity Extra Large Entity Claims Filed \$0.00 9.00 \$ 18.00 20 20 Total Claims \$ 42.00 \$168.00 \$ 84.00 2 3 Independent Claims \$0.00 \$ 140.00 \$ 280.00 First Presentation of Multiple Dependent Claims \$750.00 \$ 375.00 \$ 750.00 **BASIC FEE** \$0.00

4.	\boxtimes	Drawings	-	Total Sheets:	10	(Fig(s). <u>1-9</u>
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				Total Pages: 3			
5.	Oath or	Declar	ation	- Total Pages: <u>3</u>			
	a.	Newly executed (original or copy)New (unexecuted)					
	b.		Copy f	rom a prior application ntinuation/divisional with Box 18 completed)			
		i.		DELETION OF INVENTOR(s): Signed statement attached deleting inventor(s) named in prior application.			
6	\Box	Appli	cation I	Data Sheet			
6.		7 ippii		CD-R in duplicate, large table or Microfiche Computer Program			
7.		CD-t	ROM oi endix)	CD-K in duplicate, range			
8.	\boxtimes	Nucl	eotide ssary)	and/or Amino Acid Sequence Submission (if applicable, all			
		a.	\boxtimes	Computer Readable Form (CRF)			
		b.	\boxtimes	Specification Sequence Listing on:			
			i.	CD-ROM or CD-R (two copies); or			
			ii.	Paper Copy (identical to computer copy)			
		c.	\boxtimes	Statement verifying identity of above copy			
9.	\boxtimes	Ass	ignee/A	pplicant: DAIICHI SUNTORY PHARMA CO., LTD. 5-7-2, Kojimachi, Chiyoda-ku, Tokyo 102-0083 JAPAN			
				DAIICHI SUNTORY BIOMEDICAL			
				RESEARCH, LTD.			
				1-1 Wakayamadai, Shimamoto-cho,			
				Mishima-gun, Osaka, 618-8503 JAPAN			



August 28, 2003 Page 3

		Assignee of Record in Prior Application No:
		·
		recorded on at Reel, Frame
10.		37 C.F.R. 3.73(b) Statement
11.		English Translation Document (if applicable)
12.		Information Disclosure Statement with PTO-1449 and References
		Copies of Information Disclosure Statement Citations
13.		Preliminary Amendment
14.	\boxtimes	Return Receipt Postcard
15.	\boxtimes	Priority is Claimed as Follows: PCT/JP02/13862, filed on December 27, 2002 January Application No. 400330/2001, filed on December 28, 2001
		Japanese Application No. 400330/2001, filed on December 28, 2001
		If Foreign Priority is Claimed, Certified Copy of the Above Priority Document(s) is Submitted Herewith
16.		Nonpublication Request under 35 U.S.C. § 1222(b)(2)(B)(i). Applicant must attach Form PTO/SB/35 or its equivalent.
17.		Other:
18.	\boxtimes	Continuation Divisional Continuation-in-Part of Prior Application No.: PCT/JP02/13862 filed December 27, 2002
		Prior application information: Examiner Group Art Unit
		Incorporation By Reference (useable if Box 5b is marked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon



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		when a portion has been inadvertently omitted from the submitted application papers.					
		Complete Application Based on Provisional Application No.:filed					
19.	Pleas	e address all correspondence to:					
	\boxtimes	Customer Number 21967					
		Robert M. Schulman Intellectual Property Department Hunton & Williams LLP 1900 K Street, N.W. Suite 1200 Washington, DC 20006-1109					
20.	\boxtimes	A new power of attorney or authorization of agent (PTO/SB/81) is as follows:					
		The power of attorney is to: Stanislaus Aksman, Reg. No. 28,562; Jennifer A. Albert, Reg. No. 32,012; Thomas E. Anderson, Reg. No. 37,063; David E. Baker, Reg. No. 42,285; Scott D. Balderston, Reg. No. 35,436; Carl L. Benson, Reg. No. 38,378; Thomas Blasey, Reg. No. 33,475; Bradford Blaise, Reg. No. 47,429; Thomas D. Bradshaw, Reg. No. 51,492; J. Robert Brown, Jr., Reg. No. 45,438; Tyler S. Brown, Reg. No. 36,465; Brian M. Buroker, Reg. No. 39,125; Christopher C. Campbell, Reg. No. 37,291; Katherine S. Chang, Reg. No. 40,544; Robin C. Clark, Reg. No. 40,956; Trevor Q. Coddington, Reg. No. 46,633; Christopher J. Cuneo, Reg. No. 42,450; Ryan S. Davidson, Reg. No. 51,596; Patrick A. Doody, Reg. No. 35,022; Dinnatia J. Doster, Reg. No. 45,268; Kevin T. Duncan, Reg. No. 41,495; Kevin J. Dunleavy, Reg. No. 32,024; David D'Zurilla, Reg. No. 36,776; Ozzie A. Farres, Reg. No. 43,606; Nancy J. Flint, Reg. No. 46,704; Christopher J. Forstner, Reg. No. 46,049; James G. Gatto, Reg. No. 32,694; George Georgellis, Reg. No. 40,632; Charles F. Hollis, III, Reg. No. 40,650; David M. Huntley, Reg. No. 40,309; Nancy J. Jensen, Reg. No. 45,913; Herbert V. Kerner, Reg. No. 40,309; Nancy J. Jensen, Reg. No. 45,913; Herbert V. Kerner, Reg. No. 51,914; Jonathan D. Link, Reg. No. 41,548; Charles B. Lobsenz, Reg. No. 37,857; Tyler Maddry, Reg. No. 40,074; J. Michael Martinez, Reg. No. 37,178; David H. Milligan, Reg. No. 42,893; James R. Miner, Reg. No. 40,444; Bryan F. Moore, Reg. No. 52,044; Devin S. Morgan, Reg. No. 45,562; Kerry H. Owens, Reg.					



BOX PATENT APPLICATION August 28, 2003 Page 5

No. 37,412; Jeffrey T. Perez, Reg. No. 52,110; Michael P.F. Phelps, Reg. No. 48,654; John P. Pinkerton, Reg. No. 28,746; Laurence H. Posorske, Reg. No. 34,698; Matthew J. Pryor, Reg. No. 45,278; Andrew J. Ririe, Reg. No. 45,597; Stephen T. Schreiner, Reg. No. 43,097; Robert M. Schulman, Reg. No. 31,196; Thomas J. Scott, Jr., Reg. No. 27,836; Yisun Song, Reg. No. 44,487; Shelley L. Spalding, Reg. No. 51,971; Henry C. Su, Reg. No. 37,738; Rodger L. Tate, Reg. No. 27,399; Raphael A. Valencia, Reg. No. 43,216; René Vazquez, Reg. No. 38,647; Samson Vermont, Reg. No. 42,202; Robert J. Ward, Reg. No. 28,746; and Scott F. Yarnell, Reg. No. 45,245.

- Please remove as power of attorney: Scott D. Balderston, Reg. No. 35,436; Thomas Blasey, Reg. No. 33,475; Bradford Blaise, Reg. No. 47,429; Tyler S. Brown, Reg. No. 36,465; Dinnatia J. Doster, Reg. No. 45,268; Kevin J. Dunleavy, Reg. No. 32,024; David D'Zurilla, Reg. No. 36,776; James G. Gatto, Reg. No. 32,694; George Georgellis, Reg. No. 43,632; David M. Huntley, Reg. No. 40,309; Steven P. Klocinski, Reg. No. 39,251; Charles B. Lobsenz, Reg. No. 37,857; Devin S. Morgan, Reg. No. 45,562; Kerry H. Owens, Reg. No. 37,412; Matthew J. Pryor, Reg. No. 45,278; Stuart I. Smith, Reg. No. 42,159; Henry C. Su, Reg. No. 37,738; Raphael A. Valencia, Reg. No. 43,216; and René Vazquez, Reg. No. 38,647.
- \boxtimes Please add as power of attorney: Stanislaus Aksman, Reg. No. 28,562; Jennifer A. Albert, Reg. No. 32,012; Thomas E. Anderson, Reg. No. 37,063; David E. Baker, Reg. No. 42,285; Carl L. Benson, Reg. No. 38,378; Thomas D. Bradshaw, Reg. No. 51,492; J. Robert Brown, Jr., Reg. No. 45,438; Brian M. Buroker, Reg. No. 39,125; Christopher C. Campbell, Reg. No. 37,291; Katherine S. Chang, Reg. No. 40,544; Robin C. Clark, Reg. No. 40,956; Trevor Q. Coddington, Reg. No. 46,633; Christopher J. Cuneo, Reg. No. 42,450; Ryan S. Davidson, Reg. No. 51,596; Patrick A. Doody, Reg. No. 35,022; Kevin T. Duncan, Reg. No. 41,495; Ozzie A. Farres, Reg. No. 43,606; Nancy J. Flint, Reg. No. 46,704; Christopher J. Forstner, Reg. No. 46,049; Charles F. Hollis, III, Reg. No. 40,650; Nancy J. Jensen, Reg. No. 45,913; Herbert V. Kerner, Reg. No. 42,721; Robert C. Lampe, III, Reg. No. 51,914; Jonathan D. Link, Reg. No. 41,548; Tyler Maddry, Reg. No. 40,074; J. Michael Martinez, Reg. No. 37,178; David H. Milligan, Reg. No. 42,893; James R. Miner, Reg. No. 40,444; Bryan F. Moore, Reg. No. 52,044; Jeffrey T. Perez, Reg. No. 52,110; Michael P.F. Phelps, Reg. No. 48,654; John P. Pinkerton, Reg. No. 28,746; Laurence H. Posorske, Reg. No. 34,698; Andrew J. Ririe, Reg. No. 45,597; Stephen T. Schreiner, Reg. No. 43,097; Robert M. Schulman, Reg. No. 31,196; Thomas J. Scott, Jr., Reg. No. 27,836; Yisun Song, Reg. No. 44,487; Shelley L. Spalding, Reg. No. 51,971; Rodger L. Tate, Reg. No. 27,399;



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Enclosures

		Samson Vermont, Reg. No. 42,200 Scott F. Yarnell, Reg. No. 45,245.	2; Robert J. Ward, Reg. No. 28,746; and
21.		variance exists between the amoun	is enclosed. In the event any it enclosed and the Patent Office charges, ance to Deposit Account No. 50-0206 .
	\boxtimes		Office is hereby authorized to charge any ed and the Patent Office charges to Deposit
			Respectfully submitted,
DHM	/cht	Ву:	David H. Milligan Registration No. 42,893
DUM	CUL		

						Complete If Known							
FEE TRANSMITTAL						Application No.				To Be Assigned			
						Filing Date				August 28, 2003			
BOX PATE	ENT AP	PLICA1	ΓΙΟΝ	First Named Inventor				К	Kenju MIURA				
				Exa	amine	r Name		Т	To Be Assigned				
				Gro	oup Ar	t Unit		T	o Be As	signed			
Total Amount Of Paym	nent (\$)	918.00		Atto	orney	Docket N	Vo.	5	8777.00	00013			
METHOD OF	PAYMEN	T (check	one)	FEE CALCULATION (continued)									
1231			Patent and	3. ADDITIONAL FEES									
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in the name	of Hunton	& William	s.			harge - late r sheet	e provisio	nal filiı	ng fee or	\$			
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					Notic	e of Appea	al		\$				
					Filing	Brief in S	upport of	Appea	ppeal \$				
2. Check Enclo					☐ Request for Oral Hearing \$								
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the amount	enclosed a	and the Pa	tent Office		_								
the name of			. 50-0206 in 1900 K	☐ Plant Issue Fee						\$			
Street, N.W	., Suite 120				Petit	ion to Com	missione	r	\$				
20006-1109				☐ Petition to Revive (Unavoidable) \$									
				☐ Petition to Revive (Unintentional) \$									
FE	E CALCULA	TION		Petitions Related to Provisional \$ Applications									
1. BASIC FILING E	V					Submission of Information Disclosure \$ Statement							
			FEE PAID	Filing Submission After Final Rejection						\$			
	Utility Filing Fee \$ 750.00 Design Filing Fee \$ Plant Filing Fee \$					Recording Each Patent Assignment Per \$ Property							
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2. EXTRA CLAIMS FE	<u>_</u>			<u> </u>									
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INDEPENDENT CLAIMS 5 3								x \$	42.00	\$168.00			
MULTIPLE DEPENDENT CLAIMS TOTAL EXTRA CLAIMS FEES						\$ 280.00					\$.00 \$168.00		
SUBMITTED BY					Γ	Committee							
									Complete (if applicable)				
Typed or Printed Name David H. Milligan									Registration No. 42,893				
Signature Mally Number				Date August 28, 26				2003					